Test Case

Project Name: Twitter Sentiment Analysis

Test Case ID: 2b

Test Designed by: Khalid

Test Priority (Low/Medium/High): High

Test Designed date: 4th December

Module Name:

Test Executed by: Khalid

Test Title: Correct Number of Tweets Retrieved based on User Specifications

Test Execution date: 5th December

Description: The program should retrieve the number of tweets that the user has set the maximum number of tweets for

Objective: We make sure to keep the keyword the same, so as to have the same popularity, and we try to fetch tweets setting the maximum number of tweets to 50, 100, 200. Our program should be able to fetch 100 tweets.

Pre-conditions:

Twitter servers are operational, there is a stable and same internet connection, computer has the same processing power, and same training model, same keyword used

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Input keyword and set the maximum number of tweets retrieved to be 50	Palestine	50 tweets received	50 tweets received	Pass	"Palestine" is a popular word and should output the maximum number of

						tweets specified by user
2	Input keyword and set the maximum number of tweets retrieved to be 100	Palestine	100 tweets received	100 tweets received	Pass	"Palestine" is a popular word and should output the maximum number of tweets specified by user
3	Input keyword ("Palestine") and set the maximum number of tweets retrieved to be 200	Palestine	No tweets received	No tweets received	Pass	Standard Search API can only test for a maximum of 100 tweets

Post-conditions:

Program successfully processes the keyword "Messi" and "Black lives matter" and moves on to the next steps of the algorithm which is, retrieving the tweets (does not retrieve tweets for keyword: "dnsdniendeionwoenfnfowenfnfon" and does not produce sentiment analysis), and performing NLP sentiment analysis.